PATENT COOPERATION TREAT

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	see Form PCT/ISA/220
02-1037-A	ACTION	as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/yea	(Earliest) Priority Date (day/month/year)
PCT/US2004/025899	10/08/2004	11/08/2003
Applicant		
ORAGENICS, INC.		
This International Search Report has be according to Article 18. A copy is being	en prepared by this International Searchir transmitted to the International Bureau.	g Authority and is transmitted to the applicant
This International Search Report consis	ts of a total of <u>04</u> sheets	
It is also accompanied to	by a copy of each prior art document cited	in this report.
Basis of the report a. With regard to the language, the	e international search was carried out on	the basis of the international application in the
	inless otherwise indicated under this item.	
The international this Authority (F		translation of the international application furnished to
b. X With regard to any nucl	leotide and/or amino acid sequence dise	closed in the international application, see Box No. I.
2. Certain claims were fo	ound unsearchable (See Box II).	
3. Unity of invention is la	acking (see Box III).	
4. With regard to the title,		
	submitted by the applicant.	
the text has been estab	lished by this Authority to read as follows:	
		•
5. With regard to the abstract,		
X the text is approved as	submitted by the applicant.	•
the text has been estab may, within one month	olished, according to Rule 38.2(b), by this from the date of mailing of this internation	Authority as it appears in Box No. IV. The applicant all search report, submit comments to this Authority.
6. With regards to the drawings,		•
a. the figure of the drawings to be	e published with the abstract is Figure No.	
as suggested b	by the applicant.	
	this Authority, because the applicant failed	
	this Authority, because this figure better c	haracterizes the invention.
b. X none of the figures is to	be published with the abstract.	



International application No.

PCT/US2004/025899

Box	No. I	Nucleotide and/or amino acid sequence(s) (Continuation of Item 1.b of the first sheet)
1.	With	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed nation, the international search was carried out on the basis of:
	a.	type of material X a sequence listing table(s) related to the sequence listing
	b.	format of material X in written format X in computer readable form
	C.	time of filing/furnishing contained in the international application as filed filed together with the international application in computer readable form furnished subsequently to this Authority for the purpose of search
2.	X	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3.	Addi	itional comments:

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ternational Application No PCT/US2004/025899

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A23L1/30 A61K35/74 A61P1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, PAJ, WPI Data

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 454 109 A (HILLMAN JEFFREY D) 12 June 1984 (1984-06-12) the whole document	1-23
Y	EP 0 058 575 A (FORSYTH DENTAL INFIRMARY) 25 August 1982 (1982-08-25) the whole document	1-23
	-/	

Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 		
Date of the actual completion of the international search 20 December 2004	Date of mailing of the international search report $28/12/2004$		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Greif, G		

INTERNATIONAL SEARCH REPORT

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Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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